

# Product Datasheet

## Bub1 Antibody - Azide and BSA Free H00000699-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00000699-D01P**

Bub1 Antibody - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
Product Description	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	699
<b>Gene Symbol</b>	BUB1
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	BUB1 - BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast),
<b>Immunogen</b>	BUB1 (NP_004327.1, 1 a.a. - 1085 a.a.) full-length human protein. MDTPENVLQMLEAHMQSYKGNLPLGEWERYIQWVEENFPENKEYLITLLEHL MKEFLDKKKYHNDPRFISYCLKFAEYNSDLHQFFFLYNHGIGTLSSPLYIAWA GHLEAQQGELQHASAVLQRGIQNQAEPREFLQQQYRLFQTRLTETHLPAQARTS EPLHNVQVLNQMITSKSNPGNNMACISKNQGSSELSGVISSACDKESNMERRVI TISKSEYSVHSSLASKVDVEQVVMYCKEKLIRGESEFSFEELRAQKYNQRRKH EQWVNEDRHYMKRKEANAFEEQLLKQKMDDELHKKLHQVVETSHEDLPASQE RSEVNPARGPSVGSQQELRAPCLPVTYQQTPVNMEKNPREAPPVVPPLANA ISAALVSPATSQSIAPPVPLKAQTVTDSMFVASKDAGCVNKSTHEFKPQSGAE IKEGCETHKVANTSSFHTTPNTSLGMVQATPSKVQPSPTVHTKEALGFIMNMF QAPTLPDISDDKDEWQSLDQNEFAEAQFQKNVRSSGAWGVNKISSLSSAFH VFEDGNKENYGLPQPKNKPTGARTFGERSVSRLPSKPKKEEVPHAEFLDDSTV WGIRCNKTLAPSPKSPGDFTSAAQLASTPFHKL PVESVHILEDKENVVAQCTQ ATLDSCEENMVVPSRDGKFSPIQEKSPKQALSSHMYASALLRLSQAAGGVL CEAELGVEACRLTDTDAIAEDPPDAIAGLQAEWMQMSSSLGTVDAPNFVGNP WDDKLIFKLLSGLSKPVSSYPNTFEWQCKLPAIKPKTEFQLGSKLVYVHLLGE GAFAQVYEATQGDLDNAKNKQKFLKVKQK PANPWEFYIGTQLMERLKPSMQH MFMKFYSAHLFQNGSVLVGELYSYGTLLNAINLYKNTPEKVMPQGLVISFAMR MLYMIEQVHDC EIIHGDIKPDNFILGNGFLEQDDEDDL SAGLALIDLGQSIDMKLF PKGTIFTAKCETSGFQCVEMLSNKPWNYQIDYFGVAATVYCMLFGTYMKVKNE GGECKPEGLFRRLPHLDMWNEFFHVMLNIPDCHHLPSLDLLRQKLKKVFQQHY TNKIRALRNRLIVLLLECKRSRK
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay

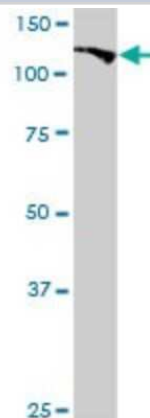


**Application Notes**

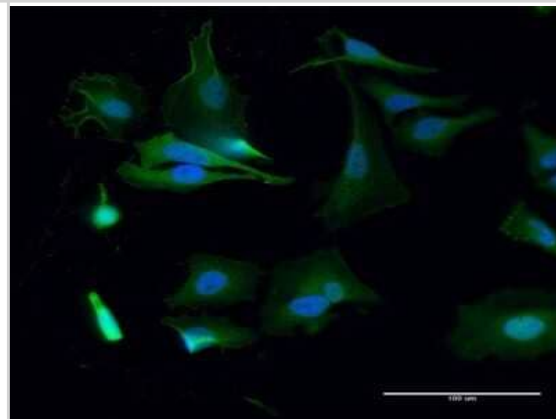
Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

**Images**

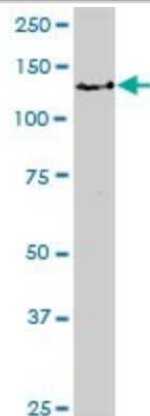
Western Blot: Bub1 Antibody [H00000699-D01P] - Analysis of BUB1 expression in mouse testis.



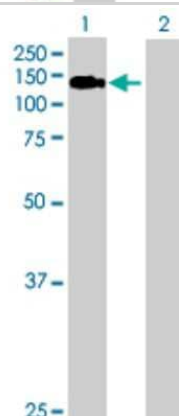
Immunocytochemistry/Immunofluorescence: Bub1 Antibody [H00000699-D01P] - Analysis of antibody to BUB1 on HeLa cell. Antibody concentration 10 ug/ml.



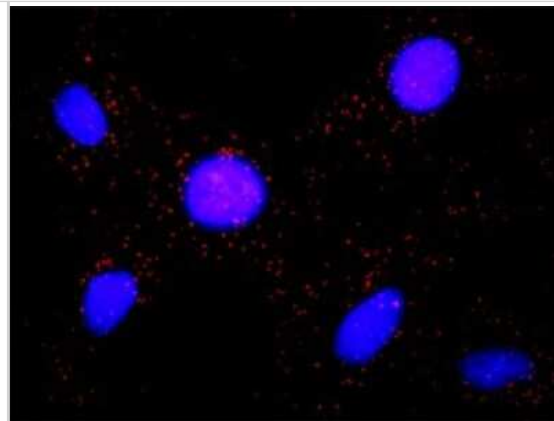
Western Blot: Bub1 Antibody [H00000699-D01P] - Analysis of BUB1 expression in Jurkat.



Western Blot: Bub1 Antibody [H00000699-D01P] - Analysis of BUB1 expression in transfected 293T cell line by BUB1 polyclonal antibody. Lane 1: BUB1 transfected lysate(122.40 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Bub1 Antibody [H00000699-D01P] - Analysis of protein-protein interactions between BUB1 and APC. HeLa cells were stained with anti-BUB1 rabbit purified polyclonal 1:1200 and anti-APC mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



## Publications

Serine/threonine Kinase BUB1 Promotes Proliferation and Radio-Resistance in Glioblastoma Yu H, Zhang S, Ibrahim AN et al. Res Pract [PMID: 31272759] (WB, KD, Human)



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### **Products Related to H0000699-D01P**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H0000699-Q01-10ug	Recombinant Human Bub1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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